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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 11074 (1984): Rope Ladders for Mountaineering [PGD 27: Mountaineering Equipment]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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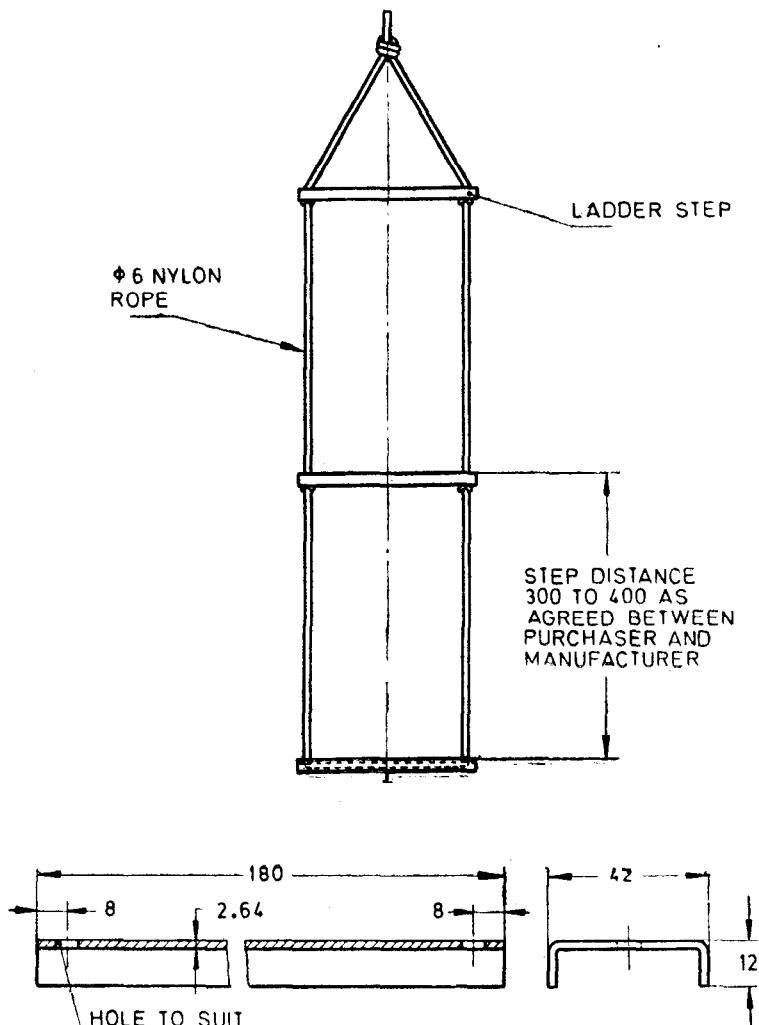


Indian Standard

SPECIFICATION FOR ROPE LADDERS FOR MOUNTAINEERING

1. Scope — Specifies the requirements for rope ladders for mountaineering.

2. Dimensions — Shall be as given in Fig. 1.



All dimensions in millimetres.

FIG. 1 DIMENSIONS FOR ROPE LADDERS

3. Material

3.1 Steps of the rope ladder shall be manufactured from suitable alloy sheet.

3.2 Rope shall be manufactured from suitable braided nylon cord. The braided nylon cord shall have a minimum tensile strength of 1800 N.

4. General Requirements — Holes in the steps shall be without sharp edges so as not to damage the rope. The steps shall be given anodic coatings to Grade AC 15 of IS : 1868-1982 'Specification for anodic coating on aluminium (second revision)'.

5. Marking — Rope ladders shall be marked with the manufacturer's name or recognized trade-mark.

6. ISI Certification Marking — Details available with the Indian Standards Institution.

EXPLANATORY NOTE

Although the mass of rope ladders has not been specified, but all efforts should be made to keep the mass as minimum as possible without affecting the strength of the ladders.